



Royce Water Technologies Pty Limited

ABN 21 110 057 399
www.roycewater.com.au

- **Algae Control**
- **Ammonia**
- **Bed Level Detector**
- **Calibration**
- **Chlorine**
- **Chloramination**
- **Conductivity**
- **Dissolved Oxygen**
- **Interface Level**
- **ISE**
- **Monochloramine**
- **Nitrate/Nitrite**
- **Nutrient Measurement**
- **Odour / FOG Control**
- **Ortho-Phosphate**
- **Remote Monitoring**
- **Self Cleaning Filters**
- **Sludge Blanket Level**
- **SRT Control**
- **Suspended Solids**
- **Trace Metal Analysers**
- **Turbidity**

Product Overview

2008/2009

Royce Water Technologies Pty Limited

'Commitment to Excellence'

Royce Water Technologies was established in 2004. The 4 working directors have Instrumentation backgrounds, each working within this Industry for over 20 years. Our offices are situated in Brisbane, Sydney and Melbourne with Distributors in other States. Our Scope of Supply is key products selected from reputable Suppliers around the world.

Water and Wastewater instrumentation have proven difficulties, and we believe that every application has its own individual characteristics requiring a dedicated solution rather than a "one instrument for all applications" approach.

Calibration Instrumentation requires a full understanding of Calibration procedures and together with Ametek Jofra, we present Calibration Seminars every year in Sydney, Brisbane and Melbourne.

Our portfolio of innovative Water products includes Self Cleaning filters that automatically "back flush" without interruption of flow; Sonic Transducers that destroy most forms of Algae in ponds and lakes by destroying their cellular structure; and a liquid Alkaloid solution that can be used to reduce Odour as well as Fats, Oils and Greases by stimulating bacteria in wastewater basins and lagoons.

With every Product sold comes "after sales technical support" second to none. In addition, subject to demands, we either commission or train maintenance staff (or both), on each of our products at no extra charge. Periodic training courses on Water and Wastewater instrumentation are conducted around the country. Our website provides useful educational information that can be downloaded.

The Products we offer are reviewed annually ensuring we are offering our customers the best solution for their application. Each year we invest significantly in staff training via attendance at seminars, conferences and technical courses, both locally and overseas.

Royce Water Technologies contributes to the Australian Water and Wastewater Industry through participation in Australian Water Association (AWA) Showcase events such as Ozwater. We are also a Corporate member of the Water Industry Operators Association (WIOA) as well as a Major Sponsor of WIOA's Conferences and Exhibitions held annually in NSW, Victoria and Queensland. We are members of the Institute of Instrumentation Control and Automation (IICA).

Our challenge, is to provide products for our Customers, that will assist them with their processes efficiently, accurately and reliably with lowest cost of ownership. This is achieved through the careful selection of the correct equipment for the application that causes minimal downtime and maintenance, yet still provides the User with reliable and accurate performance.

- Rod Wellings
- Greg Lettman
- Arthur Kokolekos
- Tim Curtis

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This Product Overview Brochure is intended as a Guide to our Products only. Please refer to the relevant Manufacturers Datasheets (available from our Offices). We accept no responsibility for any errors or omissions. Information herein may change without notice. All technical data should be checked by an independent qualified person for each application prior to purchase.



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Technical Support: 0408 188 626

RT-9100 Online Galvanic Dissolved Oxygen Analyser

- Microprocessor based electronics
- Range 0 - 99.9 PPM and % Saturation 0 - 99.9%
- One step, push button calibration
- Automatic temperature, Altitude, salinity compensation
- 115 or 240Vac Power Supply Voltage
- 2 x Programmable Relays for Setpoint,; Jetclean and Error Alarm
- 2 x Isolated 4-20mA or 0-20mA Outputs for Dissolved Oxygen and Temperature
- Use with Model RT-95A Galvanic Dissolved Oxygen Sensor
- **Part of Australia's most proven range of Dissolved Oxygen Systems with Excellent references from dozens of satisfied Users and is preferred choice of Australia's two premiere Wastewater Treatment Authorities**



RT- 95A & RT-96A Galvanic Dissolved Oxygen Sensors

- Solid Platinum Cathode with Lead Anode - handmade and designed for harsh Wastewater conditions
- Rugged, non-corrosive construction
- Automatic temperature compensating
- Can be easily rebuilt in the field
- No special tools required
- Membrane replacement in less than 10 minutes including Calibration
- Patented electrochemical self-cleaning on Model 96A (pictured on the left)
- Jet-cleaning available
- **Part of Australia's most proven range of Dissolved Oxygen Systems with Excellent references from dozens of satisfied Users and is preferred choice of Australia's two premiere Wastewater Treatment Authorities**



RT-9200 Online Galvanic Dissolved Oxygen Analyser

- Patented Self Cleaning Electro Chemical Cleaning for Sensor
- Microprocessor based electronics
- Range 0 - 99.9 PPM and % Saturation 0 - 99.9%
- On Screen 24 hour Trend Display
- Automatic temperature, Altitude, salinity compensation
- 115 or 240Vac Supply Voltage
- 4 x Programmable Relays for Error Alarm; Jet Clean; Setpoint
- 2 x Isolated 4 - 20 mA or 0 - 20 mA outputs for Dissolved Oxygen and Temperature
- Use with Model RT-96A Galvanic Dissolved Oxygen Sensor
- **Part of Australia's most proven range of Dissolved Oxygen Systems with Excellent references from dozens of satisfied Users and is preferred choice of Australia's two premiere Wastewater Treatment Authorities**



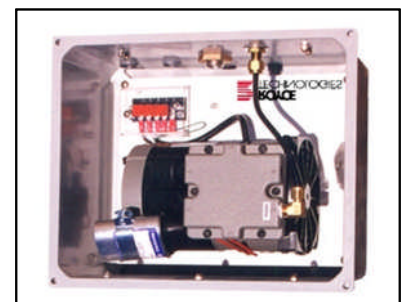
RT-Jethead

- Designed to remove ALL contaminants from Sensor
- A solenoid can be used to supply a periodic high pressure wash stream across the electrode measuring surface or a miniature industrial, rail mounted, compressor system (below) can be supplied that will periodically supply air across the membrane surface
- The DO sensor is mounted in a moulded epoxy "jet head" which is contoured in order not to collect rags or other debris
- Used with Model 95A or 96A Dissolved Oxygen Sensors or S400 Series pH and ORP Sensors



RT- JCI Air Compressor

- Rugged, continuously rated air compressor
- Hundreds installed—not one failure
- Supply Pressure is 2 to 4 Bar
- Temperature Limits are 0 to 50° C
- Weatherproof Enclosure
- Input Power is 230 VAC 50 Hz
- Handrail Mountings are included for easy attachment with U-Bolts
- Compressor cleaning cycle is controlled by 9100 or 9200 Analyser relays
- Used with RT-Jethead



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LT-MPD53 pH/ORP Analyser and LT-S400 pH and ORP Sensors

- Simple Intuitive Programming in either IP66 Panel or Surface Mount Options
- Large Backlit Multifunction Display; 240Vac Power supply with low voltage option
- Accepts pH (Glass or Antimony) or Redox (ORP) Electrodes.
- Up to Four Relay Outputs for On/Off, Time & Pulse Proportional Control Options
- 2 x Isolated fully Configurable 0/4-20 mA Outputs
- On-Line HELP with Text Error Messages
- Automatic sensor cleaning
- pH range is 0.00 to 14.00pH and ORP range is -1999mV to +1999mV
- Accuracy is 0.05pH and 3mV ; accepts Pt100, Pt1000 or 3K Thermistor inputs for pH
- Uses LT-S400 Series pH or ORP Sensors with or without Jethead for Sensor Cleaning



LT-HPT63 pH/ORP Transmitter and LT-S400 pH and ORP Sensors

- Custom IP66 enclosure available as head mounted or Wall mounted versions
- Large back lit multifunction display
- Displays pH or Redox and temperature units
- Dual isolated 4-20mA & relay outputs
- Relays can be configured for On/off, Time & Pulse Proportional
- 3 Digital inputs to control specific functions
- Supplied complete with sensor & 'T' Piece.(Head mount version only)
- Purpose built detachable electrodes for easy calibration & maintenance
- Low voltage operation 15-30v AC/DC
- Uses LT-S400 Series pH or ORP Sensors with or without Jethead for Sensor Cleaning



AQ-Shark TX Loop Powered 4-20mA pH/ORP/Conductivity/Flow Transmitter

- Provides one isolated, independent, 4-20 mA fully programmable output (16-32Vdc)
- Supplied complete with universal mounting kit for surface, panel and pipe-mount
- Display is a 2-line, 16-character LCD on the front panel
- Automatic and Manual Calibration available via easy to use Menu
- Accepts 0.3K, 3K Thermistor or Pt1000 Inputs for pH temperature compensation
- Supplied in Weatherproof Enclosure
- One Instrument that is easily programmable for pH, ORP, Conductivity and Flow
- Accepts Differential and Combination pH Sensors
- Uses LT-S400 Series pH or ORP Sensors with or without Jethead for Sensor Cleaning



LT-MED53/MCD53 Conductivity Analyser and LT-ECS20 / LT-ECS40 Sensors

- Choice of Electrodeless (Toroidal) or Electrode Types
- Simple Intuitive Programming in either IP66 Panel or Surface Mount Options
- Large Backlit Multifunction Display; 240Vac Power supply with low voltage option
- Able to Display Conductivity, Solution Concentration & Temperature
- Auto Range, Remote Range or Single Range plus Custom Range Facility
- Up to Four Relay Outputs for On/Off, Time & Pulse Proportional Control Options
- 2 x Isolated fully Configurable 0/4-20 mA Outputs
- On-Line HELP with Text Error Messages
- Can be used with Pt100 and Pt1000 RTD Sensor input from Conductivity Sensor



LT-HET63 Conductivity Transmitter and LT-ECS20 / ECS40 Sensors

- Custom IP66 enclosure available as head mounted or Wall mounted versions
- Measurement of conductivity, % solution concentration, salinity and temperature
- Preset curves stored for common chemicals and salinity
- Custom curve from 2 to 9 points can be entered
- Dual isolated 4-20mA & relay outputs
- Relays can be configured for On/off, Time & Pulse Proportional
- Digital inputs to control specific functions
- Supplied complete with sensor & 'T' Piece.(Head mount version only)
- Low voltage operation 15-30v AC/DC



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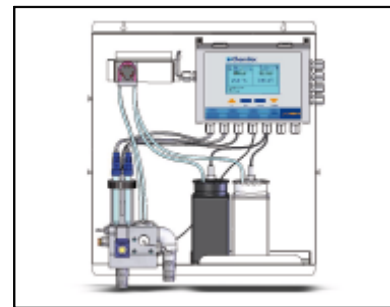
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CT-MACP4001 Total, Free, Combined Chlorine Ph/ORP Analyser

- Graphic LCD Display with 4 digit Keyboard for Programming
- Continuous Display of Measurement Values and Trends
- Internal Data logger
- Up to 4 Analogue Outputs for each Parameter: Free, Total, Combined Chlorine, pH, ORP
- Photometric Measurement of the Chlorine
- Up to 5 relay Outputs
- Chlorine range: 0.00 to 5.00 ppm; pH: 00.00 to 14.00; ORP: -700mV to +1500mV
- Residual Ozone and Chlorine Dioxide options available
- Turbidity Option Available (separate model)



AS-UV4100 Chemscan Multi Parameter Online Nutrient Analyser

- Online UV Scanning Spectrometer—Single or Multi parameter analysis
- Measures Ammonia, Nitrate, Nitrite, Ortho-Phosphate and more in one instrument
- Continuous Online Monitoring of up to 8 Sample Lines
- Benign, inexpensive non-proprietary reagents used
- No Ion Specific Electrodes to replace
- Automatic Zero Calibration and Clean
- Integral Cyclic Filter and Pump System allows sample to be drawn direct from Reactor
- Designed for Municipal and Industrial Wastewater Plants
- Up to 8 4-20mA Outputs for each parameter measured
- **Proven technology with excellent references of satisfied Users locally and around the World**



AS- UV2150/S Chemscan Online Chloramination Analyser

- Online UV Scanning Spectrometer
- Measures Free and Total Ammonia, True Monochloramine, and Chlorine in one instrument (Manganese available)
- Continuous Online Monitoring of 1 or 2 Sample Lines
- Benign, inexpensive non-proprietary reagents used
- No Ion Specific Electrodes to replace
- Automatic Zero Calibration and Clean
- Integral pump system allows sample to be drawn direct from source. No sample filter needed in Effluent applications
- Designed for Municipal and Industrial Potable and Wastewater Processes
- 4-20mA Outputs for each parameter measured
- **Proven technology with excellent references of satisfied Users locally and around the World**



MT-PDV6000Plus Portable Trace Metal Analyser (Pb, Cd, Cu etc)

- The PDV6000plus is the most accurate and flexible portable heavy metal monitor for water and soil samples available today. The system has a wide ranging capability with applications including Drinking water, River water, Wastewater and Soil with detection limits as low as 100 parts per trillion* (ppt).
- Real-time screening analysis of water and soil samples is possible by any on-site technician. Water samples are analysed directly in the PDV6000plus cell with only the addition of a simple electrolyte. Soil samples require a simple digestion procedure to solubilise the metal into solution.
- The PDV6000plus consists of a controller handset and analytical cell in a hard, waterproof case. The handset has an integral LCD display and rechargeable battery pack and can therefore operate as stand-alone instrument or in conjunction into a laptop/PC computer running its specially configured VAS (voltametric analysis system) software.



MT-OVA5000 Online Trace Metal Analyser (Pb,Cd,Cu etc)

- The OVA5000 is the most accurate and flexible online heavy metal monitor available today. The system has a wide ranging capability with water applications including:
 - Monitoring waste water discharges to minimise the risks of exceeding consent limits
 - Monitoring river water to immediately identify any sources of heavy metal pollution
 - Monitoring drinking water to protect from potential metal contamination
 - Improving process control through real time feedback
- Applications are well proven with some installations running for in excess of 12 years. The electrode analysis system developed by Lab21 Environmental has removed the need for any elemental mercury, significantly minimising potential contamination risks and disposal costs.
- The accuracy and reproducibility have been proven during customer trials. Typically +/-10%, often be low 5%, which is within the usual reproducibility seen by conventional laboratory analysers, AAS or ICP.



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BC-TU7685 Online Turbidity Analyser

- This instrument is designed to operate together with TU810, TU8105, TU820 and TU8182 amplified Turbidity probe which can be installed over 100 m from the controller.
- Selectable scales: 0/4.000 0/40.00 0/400.0 0/4,000 NTU
0/4.000 0/40.00 0/400.0 0/4,000 mg/l of PSL
0/9.999 0/99.99 0/999.9 0/9,999 mg/l of SiO₂
- Auto ranging with Dual filter software and Alphanumeric backlit display
- 0-20mA or 4-20 mA fully programmable output
- 2 Set point with min/max function, hysteresis and adjustable delay
- Alarm relay for min/max turbidity, set point timing, dirty lens, empty cell, external light too high and Check signal of dirty lens
- Auto clean relay with programmable cycle repetition, cleaning and holding time



BC-TU810/TU8105/TU820 In Line Turbidity Sensor

- Designed to be inserted in 2" T Piece inline Pipe Fitting.
- Resolution and Range: 0.001 on scale 0/4.000 NTU
0.01 on scale 0/40.00 NTU
0.1 on scale 0/400.0 NTU
1 on scale 0/4,000 NTU
- Accuracy: ± 5% of reading on 0/400 NTU
± 10% of reading on 400/4,000 NTU
- Light Source: TU810/8105 - LED I.R. 890nm
TU820 - Tungsten Lamp 600nm Sensitivity
- Measuring method: Nephelometric (ISO 7027 - EN 27027)



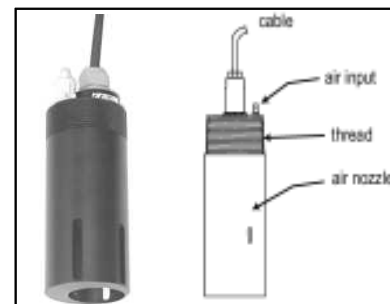
BC-TU910 Turbidity Flow Cell

- This measuring cell has been designed for use with TU 810, TU 820 or TU 8105 turbidity probes.
- Allows very accurate measurements even at very low turbidity values as required in drinking water applications.
- Provided with a flow control to avoid air bubbles from grab samples under pressure.
- Simple auto cleaning and calibration functions.
- The package includes the I892702 adaptor and O Ring 2713118 for the TU 810 - TU820 - TU8105 installation
- Flow of sample: 0.2/25 l/min.
- Pressure of sample: 6 bar max. a 20 °C
- Material: PVC
- Collar nut thread: 2½"; Fittings: ¼"



BC-TU8182 Submersible Autoclean Turbidity Sensor

- The Turbidity probe TU 8182 (ISO 7027 - EN 27027) has been designed for submersible applications. It is provided with a built-in device for cleaning the optical lens by means of pressure air blasts (max 3Bar).
- The probe is operated by the TU 7685 controller. The controller provides the power to the amplifier of the probe and it activates the auto clean relay as programmed by the user.
- Resolution and Range: 0.001 on scale 0/4.000 NTU
0.01 on scale 0/40.00 NTU
0.1 on scale 0/400.0 NTU
1 on scale 0/4,000 NTU
- Accuracy: ± 5% of reading on 0/400 NTU
± 10% of reading on 400/4,000 NTU
- Measuring method: Nephelometric (ISO 7027 - EN 27027)



BA-TUR443 Compact Turbidity Transmitter/Sensor

- Compact 4-20mA transmitter. Measurement according to ISO 7027, Anti-fouling coating of optical windows.
- Infrared light source 860nm with Integrated automatic external light and colour/dirt compensation
- Selectable Ranges : 0-.50FNU
0-100FNU
0-.200FNU
0-.500FNU
0-1000FNU
0-.2000 FNU
- High resolution from 0.01 FNU
- Integral 4 digit display for displayed value and programming sfuctions



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RT-701 IA Online Total Suspended Solids Analyser

- The Model 701 IA Total Suspended Solids (TSS) Analyser is the tried and true performer that has buttressed the Royce line of solids analysers for years. Still the most used TSS analyser in the industry, the Model 701 IA is the primary single channel offer in the Royce line of analysers.
- Multiple Ranges: 0 - 10,000 up to 0 - 80,000 mg/l (Sensor Dependent)
- Standard Outputs: 4 - 20 mA or 0 - 1 VDC (Isolated); RS-485 serial port (isolated and surge protected)
- Standard Setpoints: Two programmable setpoint relays
- Power supply: 115Vac or 240Vac
- The Analyser can control Jet Cleaning of the Sensors
- Setup and Calibration is simple and quick



RT-72A Low Range Total Suspended Solids Tank Sensor

- The Model 72A is for low ranges commonly experienced in effluent streams (0 -10 mg/l minimum range). It incorporates a unique automatic ambient light compensating technology that allows for clean water monitoring insitu, without requiring sample intake lines for reflection chambers. Automatic self cleaning is available.
- Type: Single Gap Optical
- Range: 0 - 10 up to 0 - 1500 mg/l ; 0 - 5 up to 0 - 500 NTU
- Resolution: 1 mg/l
- Accuracy: $\pm 5\%$ of reading or ± 5 mg/l, whichever is greater
- Repeatability: $\pm 1\%$ of reading or ± 2 mg/l, whichever is greater
- Operating Limits: Temperature: 0 - 50°C
- Pressure: 0 - 50 PSIG
- Size: 4.5 inches square
- Construction: Chemically resistant polyurethane optics in polyurethane housing



RT-72P Low Range Total Suspended Solids Inline Sensor

- The Model 72P is a low range, flow through version of the popular Model 72A.
- Commonly used in outfall plumbing of packaged WWTP's, portable potable water systems, backwash filter lines and other process water lines for the measurement of low level suspended solids.
- Range: 0 - 10 up to 0 - 1500 mg/l ; 0 - 500 NTU
- Construction: Moulded Epoxy/PVC
- Limits: Temp. 0 - 50°C
- Pressure: 0 - 20 PSIG
- All Royce suspended solids sensors are equipped for an air or water jet cleaning
- Mounting Drawings available on request



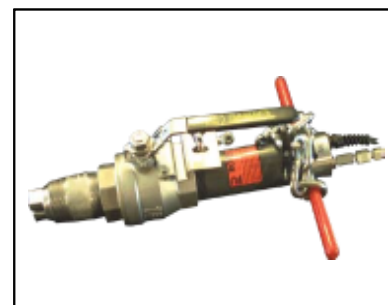
RT-73B/75A and 73/75P Medium Range Total Suspended Solids Tank and Inline Sensor

- The Model 73B/P sensor is designed for mixed liquor suspended solids (MLSS) typically found in aeration basins.
- This sensor uses phased array colour compensation to correlate light absorption with suspended solids.
- The Model 75A is designed for open channels that have a higher concentration of solids, such as return activated sludge that flows in open channels rather than in pipes
- Type: Single Gap, Optical; self cleaning. Model 73B has phased array emitter/receptor combination for automatic colour compensation
- 73 Range: 0 - 3,000 up to 0 - 30,000 mg/l 0 - 3%
- 75A Range: 0 - 5,000 up to 0 - 50,000 mg/l (Not Phased Array) 0— 5%
- Accuracy: 73B: $\pm 5\%$ of reading or ± 100 mg/l, whichever is greater
75A: $\pm 5\%$ of reading or ± 150 mg/l, whichever is greater
- Operating Limits: Temperature: 0 - 50°C; Pressure: 0 - 50 PSIG
- Construction: Chemically resistant polyurethane optics with Moulded polymer housing



RT-74A and 76A High Range Total Suspended Solids Inline Sensors

- The Model 74A and 76A in-line sensors are used in WAS (Waste Activated Sludge) and RAS (Return Activated Sludge) line applications. These sensors offer automatic water Jet cleaning of the sensor optics by house supplied water.
- Type: Single Gap, Optical; self cleaning water jet
- 74A Range: 0 - 8,000 up to 0 - 80,000 mg/l 0 - 8%
- 76A Range: 0 - 3,000 up to 0 - 30,000 mg/l 0 - 3%
- Accuracy: 74A: $\pm 5\%$ of reading or ± 150 mg/l, whichever is greater
76A: $\pm 5\%$ of reading or ± 100 mg/l, whichever is greater
- Operating Limits: Temperature: 0 - 50°C
- Pressure: 0 - 50 PSIG
- Size: 2 inch insertion diameter x 19 inches long; 2 inch NPT male pipe insertion nipple
- Construction: 316 SS insertion shaft and lens holders with Chemically resistant polyurethane optics



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BC-SA8060 Fully Integrated Multi Parameter Water Quality Probe

- Designed for Continuous and Unattended monitoring of: Well water; Underground Aquifers; Rivers & Lakes; Estuaries & Oceans; Wastewater Treatment; Industrial Effluents
- Sensors are Available for the following Parameter: Depth; Temperature; Electrical Conductivity; pH; ORP; Dissolved Oxygen; Turbidity; ISE
- This Waterproof Multi parameter Datalogger (with 40,000 Data measuring points), contains all sensors, signal processing circuitry and battery supply in one compact housing. The microprocessor controlled unit, transmits through an RS485 output, all the data from sensors including messages. The probe is only 70mm in diameter and 510mm long. It has IP68 - 100 bar Oceanographic protection. Information can be downloaded via RS485 connection. Basic Software Program is also supplied. All information is time stamped in real time. There is a Modbus protocol option available



BA-TGS Portable Sludge/Bed/Interface Level Measuring Instrument

- Field portable Sludge level meter, immersion depth up to 10 m, in primary, secondary clarifiers & thickeners
- Adjustable threshold of turbidity detection
- Accumulator battery operated Range of 100 measurement cycles of 7 minutes each; Automatic switch off
- Accumulator charger supply: 230V AC or 12V DC
- Display: LCD-panel 3-digits, immersion depth [cm] with measured data storage
- Red LED: "Sludge level detected"
- Buzzer: "Sludge level detected"
- Measuring accuracy: approximately 1 cm
- Immersion probe: PVC / IP68 (10m max.) (EN 60 529)
- Cable: special type TPE-cable, 10 m long
- Housing and switches: Stand alone with handle; ON-OFF- Lever switch; Sensitivity switch
Sensitivity adjustment potentiometer; IP 44 (EN 60 529);
- Weight: 3.5 kg



RT-2501A Online Interface/Sludge Blanket Level Analyser

- Royce offers a complete line of Interface Level Analysers that make it possible to reliably monitor and control the solid/liquid interfaces in settling tanks, thickeners and clarifiers. The Royce series of Interface Level Analysers use an ultrasonic ranging technique to measure the depth of interfaces within the tank. The 25 series sensor is available in polyurethane for standard applications and Kynar for high temperature or chemical applications.
- The graphical displays on the model 2501A provide three very useful functions such as Easy step by step Setup Menu; Profiles of the entire liquid column of the tank showing ALL solids interfaces and a trend of the interface level covering the last 24 hours.
- Outputs: 4-20 mA isolated of Interface Level, can be scaled to any range.
4-20 mA isolated, relative clarity of top four feet of tank.
Programmable relay to operate sensor cleaning system



RT-711 Portable Total Suspended Solids & Sludge Blanket Meter

- Our No.1 Selling Instrument! Hundreds in use throughout Australia. The Royce Model 711 Portable Suspended Solids/Interface Level Analyser is a rugged, waterproof instrument designed for the rigors of remote sampling. The meter provides reliable operation in waste treatment plants, rivers, lakes and other aqueous systems.
- The meter will read in either grams per litre when in the suspended solids mode, or relative density percentage while in the interface level mode of operation.
- The Model 711 stores the calibration values for suspended solids and interface level in two separate memory locations allowing the User to switch between operational modes without having to recalibrate.
- Range: 0 - 10 grams per litre (0 to 10,000 mg/l)
- Input Power: Standard 9V battery
- Type: Single Gap, Optical
- Accuracy: $\pm 5\%$ of reading or ± 100 mg/l, whichever is greater



RT-900 Portable Dissolved Oxygen Meter

- The Royce Model 900 Portable Dissolved Oxygen (DO) Measuring System is a rugged waterproof instrument designed for the rigors of remote sampling. The system includes the rugged Model 95A rechargeable sensor.
- Utilizing full microprocessor controlled electronics, the Model 900 is quickly programmed by the User for conditions (salinity, pressure, etc.) specific to the application. Recalibration of the sensor is a single keystroke.
- Ranges: 0.00 - 99.9 mg/l (PPM) $\times 0.01$ PPM to 10.0 to 99.9 mg/l (PPM) $\times 0.1$ PPM
- Repeatability: $\pm 1\%$ (at constant temperature)
- Sensor Response Time: 99% of actual in less than 30 seconds
- Sample Flow Requirements: Less than .4 ft/sec with 1 mil membrane
- Outputs: 0 - 1 VDC, adjustable
RS-232 Serial digital interface



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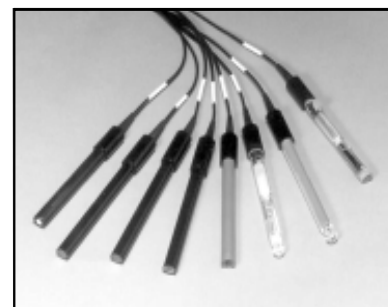
BC-IC7685.010 Online Ion Concentration Analyser

- This Analyser accepts inputs from any ISE and CO2 electrodes
- Applications with ISE: Water softeners; drinking water; electroplating industry
Aluminium surface coating; CO2 in biotechnology
- Measuring unit: PPM - mg/l - gram/l - mbar - mmHg
- Measuring range: 0.01 to 1000
- ISE electrodes input: Type of Ion: X- -; X-; X+; X++
Measuring field: 5 decades from 0.01 to 1000
- Isolated output: 0-20 mA or 4-20 mA selectable
programmable input on the span
dual output as option
- Up to 5 points calibration



BC-ISE Ion Selective Electrodes

- B&C Electronics offers a wide range of Ion Selective Electrodes including:
 - Polymer Membrane Electrodes
 - Solid State Electrodes
 - Gas Sensing Electrodes
 - Glass Membrane Electrodes
- Ion Selective Electrodes are available as half-cells (mono) or as glass or epoxy combination electrodes.
- Measurements with half-cell electrodes require the use of an additional reference electrode.
- Contact us for information in order to select a suitable ISE for continuous operation with our BC-IC7685.010 Ion Concentration Controller



MI-106 Portable pH/ORP/Temperature Meter

- An ideal multi parameter portable meter for field measurements.
- The large display shows readings in an extended range.
- The meter has a stability indicator and hold feature that freezes the display for easy and accurate recording.
- Uses 9V Alkaline battery (included).
- Range: -2.00 to 16.00; -2000mV to +2000mV; -5.0 to 105.0°C
- Accuracy: ± 0.02pH; ±2mV; ± 0.5°C
- pH Calibration: Automatic, 1 or 2 point calibration
- Temp. Compensation: Automatic
- pH/ORP/Temp Probe: MA923D/I (included)



MI-306 Portable Conductivity/TDS/NaCl/Temperature Meter with Datalogger

- MI-306 is a waterproof portable logging microprocessor based Conductivity/TDS/NaCl/Temperature meter.
- The meter can store measurements in memory for retrieval later, upon User request.
MI306 also allows data transfer to a computer through the RS232 port. A Double LCD displays simultaneously readings of Specific Conductivity and Temperature.
- Range (Autoranging) EC: 0.00 to 29.99 µS/cm; 30.0 to 299.9 µS/cm; 300 to 2999 µS/cm;
3.00 to 29.99 mS/cm; 30.0 to 200.0 mS/cm; up to 500.0 mS/cm EC
- (Autoranging) TDS: 0.00 to 14.99 mg/L; 15.0 to 149.9 mg/L; 150 to 1499 mg/L; 1.50 to 14.99 g/L;
15.0 to 100.0 g/L; up to 400.0 g/L actual TDS (with 0.80 factor)
- NaCl: 0.0 to 400.0 %
- Temp: 0.0 to 60.0°C



MI-805/806 Portable pH/EC/TDS/Temperature Meter

- Measures 4 parameters with one single probe with a combination of pH, Conductivity, total dissolved solids and temperature measurements. You can select from a range of calibration buffers and temperature scales (°C or °F) can be selected.
- The multi-parameter probe MA851D/I, includes pH/EC/TDS and temperature, all in one rugged handle. Other features include different TDS factors from 0.45 to 1.00, and a range of temperature coefficients (B) from 0.0 to 2.4% for greater consistency. A large and easy-to-read display provides simultaneous readings of pH and Temperature or EC/TDS and temperature.
- Range:

	MI-805	pH 0.00 to 14.00	MI-806	pH 0.00 to 14.00 pH
		EC 0 to 3999 µS/cm		EC 0.00 to 20.00 mS/cm
		TDS 0 to 1999 ppm		TDS 0.00 to 10.00 ppt
		Temp 0.0 to 60.0°C		Temp 0.0 to 60.0°C



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MI-411 Portable Free and Total Chlorine and pH Photometer

- 3 in 1 Combination Photometer. This latest laboratory grade Microprocessor photometer has an excellent repeatability and is ideal for field measurements. Chlorine is the most commonly used water disinfectant.
 - Applications vary from treatment of drinking water and wastewater to pool and spa sanitization and food processing to sterilization. Martini Instruments has developed the MI-411, a portable microprocessor based instrument to measure three critical parameters to ensure good water quality: pH, free chlorine and total chlorine.
 - This instrument provides greater resolution, better accuracy and immediate results. MI-411 is supplied in a hard carrying case including 2 cuvetts, reagents for 100 tests, wiping tissue and instruction manual.
- | | | |
|----------|----------------|-----------------------------------|
| • Range: | Free Chlorine | 0.00 to 5.00 mg/L Cl ₂ |
| | Total Chlorine | 0.00 to 5.00 mg/L Cl ₂ |
| | pH | 6.5 to 8.0 pH |



MI-405/407/408/412 Portable Ammonia, Iron and Phosphate Photometers

- These user-friendly Colorimeters will give you direct readings in mg/L.
- | | | |
|----------|--------------------|--|
| • Range: | Ammonia (MI-405) | 0.00 to 9.99 mg/L (NH ₃ -N) |
| | Ammonia (MI-407) | 0.00 to 3.00 mg/L (NH ₃ -N) |
| | Iron (MI-408) | 0.00 to 5.00 mg/L Fe |
| | Phosphate (MI-412) | 0.00 to 2.50 mg/L PO ₄ |
- Accuracy:
- | | | |
|--|--------------------|--|
| | Ammonia (MI-405) | ±0.10 mg/L @5.00 mg/L Nessler Method |
| | Ammonia (MI-407) | ±0.04 mg/L @1.50 mg/L Nessler Method |
| | Iron (MI-408) | ±0.03 mg/L @1.50 mg/L Method 315 B; method 3500 - Fe B |
| | Phosphate (MI-412) | ±0.04 mg/L @1.00 mg/L Ascorbic Acid method adaptation |



MI-415 Portable Turbidity Meter

- Turbidity is a measure of the clarity of a sample. For potable water applications turbidity is a good indicator of water quality.
 - MI-415 has two operating ranges; 0.00 to 50.00 FNU, and 50 to 1000 FNU that can accommodate the most turbid condition the User may encounter.
 - MI-415 is supplied in a hard carrying case, complete with reagents
- | | |
|-----------------|---|
| • Range: | 0.00 to 50.00 FNU; 50 to 1000 FNU |
| • Resolution: | 0.01 FNU; 1 FNU |
| • Accuracy: | ±0.5 FNU or ±5% of reading, whichever is greater |
| • Method: | Detection of scattered light |
| • Light Source: | High emission infrared LED Light Detector silicon photocell |



MI-151 pH/ORP/°C Bench Meter

- Range: -2.00 to 16.00; ± 699.9 / ± 1999 mV; -20 to 120.0 °C
- Accuracy: ± 0.01 pH; ± 0.2 mV/1 mV; ± 0.04 °C
- pH Calibration: 1 or 2 point calibration with 7 memorised buffers
- Temperature Compensation: Automatic
- pH Electrode (included): Glass Body, refillable (MA917B/1)
- ORP Electrode (not included): Glass Body, refillable (MA922B/1)
- Electrode Holder (included): MA9315
- Temperature Probe (included): NTC10K (MA831R)
- Power Supply: 12Vdc Power adaptor (included)



MI-160 pH/ORP/ISE/°C Bench Meter

- Range: -2.00 to 16.00; ± 699.9 / ± 1999 mV; 0.001 / 19999 ppm
- Accuracy: ± 0.01 pH; ± 0.1 mV/1 mV; 0.001/0.01/0.1/1 ppm
- pH Calibration: 1, 2 or 3 point calibration with 7 memorised buffers
- ISE Calibration: 1 or 2 point calibration, 6 standard solutions available
- Temperature Compensation: Automatic
- pH Electrode (included): Glass Body, refillable (MA917B/1)
- ORP Electrode (not included): Glass Body, refillable (MA922B/1)
- Electrode Holder (included): MA9315
- Temperature Probe (included): NTC10K (MA831R)



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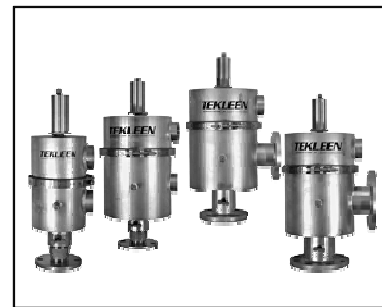
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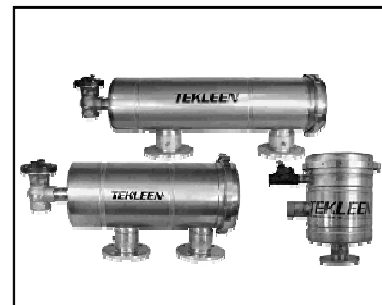
AF-MTF Mini Twist Filters (Self Cleaning)

- These are low-flow, fully automatic, self-cleaning water filtration systems.
- These filters can handle flow rates up to 80 gpm with screens as small as 10µ.
- The MTF filters use very little water for rinsing without interrupting the main flow and are rated to 9Bar and 90°C.
- Empty weight is only 25kg.
- The filters are made with a 316L stainless steel body and are designed to meet a wide variety of industrial and irrigation applications
- Minimum pressure required for Self Cleaning action without disrupting main flow is 3Bar Inlet pressure
- GB6 Electronic Backwash Controller can be supplied for various Backwash programs



AF-OBF Medium Flow Filters (Self Cleaning)

- High quality is a feature of the OBF series of automatic self-cleaning water filters in stainless steel - at the same low price of carbon steel.
- They are maintenance free, saving costs in the labour of cleaning and replacing screens, bags, and cartridges every day the hard way.
- Filters range from 2" to 4" and filtration is down to 10µ.
- The filters operate on water pressure alone (min 3Bar) and are triggered by a d/p sensor.
- Savings of up to 90% of Rinse Water
- Controlled by Electronic Backwash Controller
- Water Filtration is one of the most effective and least expensive ways to solve equipment fouling and scaling problems caused by dirty water



AF-CSB Coarse Screen Brush Filters (Self Cleaning)

- Coarse Screen Brush (CSB) Filters are an ideal solution for incoming plant water from potentially contaminated open water sources.
- CSB filters are designed to filter contaminants such as algae, clams, zebra mussels, fish, leaves, etc.
- They are compact in size with very high flow capacity.
- CSB filter configurations are available with wedge-wire, mesh, or perforated screens from 200µ - 4,000µ.
- The cleaning cycle is initiated by differential pressure or by a timer and cleans the entire screen without interrupting the main flow.
- Studies have shown that .002" fouling will increase water pumping needs by 20% hence the requirement for effective water filtration



AF-ABW Automatic Backwash Filters (Self Cleaning)

- ABW series filters are available in a wide range of industrial configurations.
- The filters can be custom manufactured to meet a wide range of industrial applications such as: ASME coded, sea water, high temperature, high pressure, etc.
- The filter bodies are available in carbon steel with baked on epoxy coating, Stainless Steel, or titanium.
- The filters are complete with Stainless Steel screens and can be manifolded together for unlimited flow capacities.
- The cleaning cycle is initiated by differential pressure or by a timer and cleans the entire screen without interrupting the main flow.



AF-LPF Low Pressure Filters (Self Cleaning)

- This is a new line of fully automatic self-cleaning water filters with working pressure as low as 1 bar up to 9 Bar.
- They are available in a wide range of industrial configurations and are designed and manufactured in accordance to ANSI and ASME requirements. ASME U stamp is an option.
- Sizes range from 3" - 16", flow rates from 10 - 6,000 gpm, screen mesh from 50 - 3,000µ.
- The filters are available in stainless steel, carbon steel with powder epoxy coating and titanium.
- Clean filter pressure drop with 100µ screen is less than 10kpa at the rated flow of the filter.
- These filters use an electric motor to facilitate the cleaning cycle
- The filters are triggered to flush by a differential pressure switch or timer or manually
- Using the new "Tekrinse Technology", these filters use 90% less rinse water than other filters



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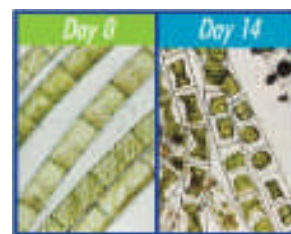
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SS-400/500/600 Algae Control Sonic Transducers

- SonicSolutions® use the resonance of the ultrasonic waves to disrupt algae cells. The submerged transducer is programmed to generate ultrasonic waves that are directed at the vacuole of the algae. These waves weaken the cell membranes resulting in a leakage of cytoplasm and a collapse of the cell into a dense brown mass. The cells may remain buoyant for up to 4-5 weeks after exposure, although they are no longer viable.
- The ultrasonic waves extend only in front of the transducer unit. The SonicSolutions® Algae Control device emits ultrasonic waves that “fan out” at approximately 180 degrees from the front of the transducer.
- The nutrient level, turbidity, shape of the body of water and latitude affect the coverage area. The potential coverage for the SS400 model can be as much as 1.5 acres, the SS500 model up to 3 acres and SS600 greater.
- For optimal exposure of the ultrasonic waves in the body of water, the unit should be close to the edge of the pond.
- Large installations and certain shapes of ponds or lakes may require installation of more than one unit. Multiple devices can be installed at opposite sides of a lake or pond, or attached together pointing in different directions.

Electron Microscopy of Sonic Solutions Effect on Algae



BG-PX109® Alkaloid Odour and FOG Control Liquid Solution

- BYO-GON PX-109® is NOT a bacteria, nor an enzyme. It is an alkaloid, Xeronine, that was developed and patented by the Research Corporation of the University of Hawaii. This first published article on this alkaloid was published by; Heinicke, R., "Xeronine, A New Alkaloid, Useful in Medical, Food and Industrial Fields", *Hawaii Medical Journal, The Research Corporation of the University of Hawaii*, Vol. 36, 1997.
- BYO-GON PX-109® has proven time and time again to effectively work in wastewater treatment facilities in every market in which it has been tried. Using this product actually speeds up the treatment process and can do the following, based on application rates and points of injection:
 - Lower BOD, TSS
 - Reduce oil, grease, and sludge
 - Eliminate odours
 - Reduce sludge volume in the treatment facilities and lagoons
- BYO-GON PX-109® is supplied in 20 litre and 210 litre containers



IN-iLOG GSM/LAN/RS232 Datalogger and Remote Telemetry Transmitter

- iLog monitors and logs information via TCP/IP (Internet); GSM/GPRS/SMS (Mobile Phone); Email and Ethernet
- Process alarms for Temperature, Level, Pressure, Humidity etc can automatically be sent to your mobile phone via SMS or emails sent to your computer. Basic model has 4 analogue inputs and 4 digital inputs with 2 relay outputs
- iLogPlus RTU/Data loggers are internet enabled devices specially suited for remote data acquisition, distributed telemetry and remote control. The units act as master devices and send alarms and data files on their own via FTP, email and SMS.
- All unit types carry a built-in TCP/IP web server with live web pages that can be accessed by any Internet browser application. They accept and serve TCP and SMS commands for interactive operation in a SCADA system. Analogue inputs and digital I/O are expandable by means of I/O expansion modules, plugging on a serial I/O expansion bus.



IN-SCOM SMS Remote Control Unit

- SCOM-100 is a low cost, DIN rail mounted controller unit for alarm annunciation and remote control using SMS. The main unit incorporates a Quad Band modem, 2 analogue inputs, 4 digital inputs, 4 power relay outputs and a serial RS-232 port. Front panel LED indicators monitor control and digital I/O states. A variety of I/O expansion units digital and analogue I/O can be cascaded on the serial I/O expansion bus to meet the application requirements.
- All setup and control is done using your mobile phone. Simply insert a SIM card with your name and phone number in the phone list and press the start up button during power up! Several commands can be packed in one SMS. The RS-232 interface can be used to alternatively set up and test the unit using a PC or an ASCII terminal.
- The rich command set features commands for configuring input alarm parameters, setup of irrigation and time scheduled programs, control functions like on/off and PID control, defining user groups and controlling system outputs with time related parameters.



AM-ASM Multiple Input Process Signal Calibrator Interface

- The ASM series (Advanced Signal Multiscanner) offers a great time-saving automatic solution to calibrate multiple temperature sensors at the same time.
- The ASM series is an eight channel scanner controlled by JOFRACAL software on a PC.
- Up to 3 ASM units can be stacked to calibrate up to 24 sensors at the same time.
- It can handle signals from 2, 3 and 4 wire RTD's, TC's, Transmitters, thermistors, temperature switches and voltage.
- The ASM800 series is designed for use in all companies where temperature measurement is critical and/or there is a need to make traceable documents for the calibration.
- Easy, flexible and time-saving



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AM-ATC High Accuracy Advanced Dry Block/Wet Well Temperature Calibrators

- All JOFRA ATC series models feature the unique dual-zone heating block. This new design has a performance equivalent to a liquid temperature bath. Each ATC dry-block calibrator may be used to perform fully automatic calibration routines without using an external computer. Units may also be supplied with inputs for external reference sensors and for sensors-under-test. All ATC calibrators feature RS232 serial communication and standard delivery also includes the JOFRACAL calibration PC software.
- ATC125 Range: -90°C to +125°C Accuracy : 0.06°C
- ATC140 Range: -20°C to +140°C Accuracy : 0.04°C
- ATC157 Range: -45°C to +155°C Accuracy : 0.04°C Other Ranges Available
- ATC250 Range: +33°C to +250°C Accuracy : 0.07°C
- ATC650 Range: +33°C to +650°C Accuracy : 0.11°C
- ATC140 and ATC250 have a Wet Well option as well as a 63mm diameter Dry Well.



AM-ITC Intermediate Dry Block Temperature Calibrators

- The ITC series employs the slim and rugged design of the CTC series and features intuitive user interface. However, the ITC is designed with the state-of-the-art dual-zone heating block and MVI circuitry that has been adopted from the ATC series. The MVI circuitry ensures stable temperatures even when the mains supply is unstable. The ITC series is designed for both on-site and maintenance shop use. The applications are generally critical process control but can vary based on calibration and testing requirements. The ITC series dry-block calibrators are equipped with RS232 serial communication capabilities. JOFRACAL Software included.
- ITC155 Range: -23°C to +155°C Accuracy : 0.25°C
- ITC320 Range: +33°C to +320°C Accuracy : 0.30°C
- ITC650 Range: +33°C to +650°C Accuracy : 0.50°C



AM-CTC Compact Dry Block Temperature Calibrators

- The CTC series is designed for both on-site and maintenance shop use. The applications are generally critical process control but can vary based on calibration and testing requirements. The user interface is easy and intuitive. One-key-one-function gives you quick access to timesaving features such as the switch test or the auto-stepping function. For easy documentation and automatic calibration, all units are delivered with RS232 serial communication and JOFRACAL calibration software.
- CTC140 Range: -17°C to +140°C Accuracy : 0.4°C
- CTC320 Range: +33°C to +320°C Accuracy : 0.5°C
- CTC650 Range: +33°C to +650°C Accuracy : 0.9°C
- CTC1200 Range: +300°C to +1205°C Accuracy : 2.0°C



AM-ETC Field Dry Block Temperature Calibrators

- Designed for people who perform tests and verifications of temperature sensing devices in the field. This instrument is ideal when time is a critical factor and the highest accuracy is not a critical factor. Reduced size and weight are important considerations because the unit is able to fit into a tool box or instrument carrying case and can be used for sensors that are difficult to access. One-key-one-function user interface provides immediate access to setting the temperature and the auto-step timesaving function. There is no need for manipulation of sophisticated menus. The Stability indicator provides audible and visual prompts when the temperature is stable. This function also includes a 3 minute countdown before the stable condition. JOFRACAL Software included.
- ETC125A Range: -10°C to +125°C Accuracy : 0.5°C
- ETC400A Range: +33°C to +400°C Accuracy : 0.5°C
- ETC400R Infra Red Range: +33°C to +400°C Accuracy : 0.5°C



AM-DTI1000 High Precision Temperature Meter

- The JOFRA DTI-1000 with an STS-probe is a fully traceable thermometer recommended as the reference instrument to verify the true temperature in any type of temperature calibrator, liquid bath, or dry-block calibrator.
- Use the JOFRA DTI-1000 and the STS probes as your working temperature reference in any calibration application or use the set-up directly in custody transfer applications where high accuracy (low uncertainty) means money. The superior specifications combined with a long history of reliability and low drift have made the JOFRA DTI-1000 and the STS probes the working standard in many national laboratories worldwide.
- The JOFRA STS industrial temperature reference probes are built to last. All JOFRA Superior Temperature Standard probes are economical and offer fast response times, low immersion depths, compact physical sizes, and specified low drift rates; even at high temperatures.
- System Accuracy -50 to 650°C ±0.060°C



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AM-DTI Precision Portable Temperature Meter

- The JOFRA DTI050 with a JOFRA STS temperature reference sensor is a fully traceable thermometer recommended as the reference instrument to verify true temperature in any type of temperature calibrator, liquid bath, or dry-block calibrator. Use the JOFRA DTI050 and the STS probes as your working temperature reference in any calibration application or use the set-up directly for critical measurements in the process.
- The superior specifications, combined with a long history of reliability and low drift, make the JOFRA DTI050 and the JOFRA STS probes the perfect choice. The graphical display makes it is easy to recognize the status of the instrument and take readings. The DTI050 also handles signals from 4-wire RTD's, TC's and thermistors.
- System Accuracy: -50 to 400°C (-58 to 752°F): ±0.065°C
- Uses "intelligent" memory chip technology - a memory chip in the sensor cable connector stores the calibration co-efficient. The Display on the Instrument is therefore automatically linearized removing calibration errors.



AM-MACAL Loop Calibrator

- The mAcal Milliamp Calibrator is an economical and easy to-use calibration device for sourcing and measuring mA signals. The instrument is designed specifically for 2-wire transmitter loops with 4 to 20 mA signals and it is delivered with traceable certification.
- The mAcal Loop Calibrator provides loop power in the range of 0 to 45 VDC and the instrument is designed to generate a stable 24 VDC supply for the loop. The mAcal Loop Calibrator also reduces the time and complexity often associated with loop calibration. The instrument features special fixed steps for performing linear and flow transmitter or valve positioner calibrations.
- The instrument has seven different built-in current values and the user may choose between manual or automatic steps with 10 or 30 seconds between steps. You can perform an entire test by placing the mAcal in the process loop and take readings from the control room.



AM-ASC300 Multifunction Signal Calibrator (Simulate and Measure)

- The ASC300 is substantial enough to cover all your needs for a process signal calibrator with superior accuracy and compact enough to fit into your tool box and operate with one hand for easy field calibration. The ASC300 can change your entire calibration regimen for signal, pressure, and temperature. You can combine this versatile calibrator with the APM external pressure modules or a JOFRA dry block calibrator to meet your calibration needs. The JOFRA ASC300 measures and sources: TCs, RTDs, current, voltage, frequency, and pulse trains.
- This instrument is also designed to be compatible with the JOFRA APM pressure modules and thus offering true multi-function operability. There are two channels of operation providing the user with an isolated read-back circuit. The graphical display makes it is easy to recognize the status of the instrument, take readings, and simulate different functions. The JOFRA ASC300 has full fuseless protection to 240 VAC, which is an important feature as most failures in signal calibrators result from overvoltage conditions.



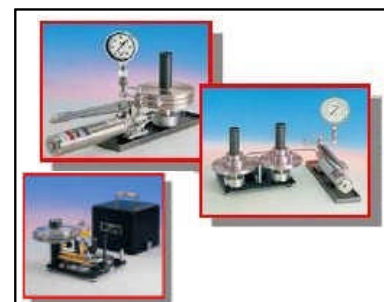
AM-DPC500 Precision Documenting Pressure Calibrator and Hand Pumps

- The electronic pressure calibrator DPC-500 measures pressure, voltage and current and supplies 24 VDC as source for transmitters. Calibration procedures can be pre-defined and used for calibrations on site. The DPC -500 is featured with USB and RS232-interfaces and is powered by a Lithium-Ion battery. The built-in reference sensor is changeable, whereby several pressure ranges can be covered with one DPC-500 unit. All standard pressure ranges between vacuum and 1000 bar (0-14,500 psi) are available as well as vacuum and absolute pressure ranges
- AMETEK offers the user several solutions for pressure generation. This line spans from a small pneumatic "bicycle" style pump to a hydraulic pump that generates up to 1,000 bar (15,000 psi). These are durable pumps with features such as vernier valves, vent valves, manifold connections, swivel fittings, and optional O-ring materials and fittings making the pumps flexible to meet your calibration and testing applications.



AM-DWT Dead Weight Testers

- In 1966, Mansfield & Green introduced the Dead Weight Tester based on the "floating ball" Principal. This type of Dead Weight Tester is an easy to use and accurate and reliable Primary Standard and is now earning its name as "standard of standards". The Mansfield and Green range of Dead Weight Testers comprises:
- Type T series (Hydraulic)
- Type HK Series (Pneumatic)
- Type PK I I Series (Pneumatic)
- Type RK Series (Pneumatic)
- Type HL Series (Hydraulic)



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- **Algae Control**
- **Ammonia**
- **Bed Level Detector**
- **Calibration**
- **Chlorine**
- **Chloramination**
- **Conductivity**
- **Dissolved Oxygen**
- **Interface Level**
- **ISE**
- **Monochloramine**
- **Nitrate/Nitrite**
- **Nutrient Measurement**
- **Odour / FOG Control**
- **Ortho-Phosphate**
- **Remote Monitoring**
- **Self Cleaning Filters**
- **Sludge Blanket Level**
- **SRT Control**
- **Suspended Solids**
- **Trace Metal Analysers**
- **Turbidity**

Suppliers:

- **Royce Technologies**
- **LTH Electronics**
 - **Chemscan**
- **B&C Electronics**
 - **Chemitec**
- **Lab 21 (MTI)**
- **Milwaukee Instruments**
 - **Tekleen**
 - **Byo-Gon**
- **Sonic Solutions**
 - **Infinite**
- **Ametek Jofra**

YOUR LOCAL CONTACT: